

Revise (lower) MH KS27-063 rim elevation from 862.24' to 859.00 or four feet above MH invert. The interceptor has a diameter of 24" at this location and the lowered MH rim would allow for 2' of surcharge before overflow begins.

Raise MH KS27-027 to grade (862' +/-) – raise to 1" above ground level (9" +/-) as MH is currently buried

Raise MH KS27-144 to 861.00' (2.1')

Raise MH KS 27-144sa to 861.0' (3.1')

Raise MH KS 27-022 to 861.0' (3.6')

Raise MH KS27-170 to 861.0' (2.5'). Point repair to service lateral at first joint upstream of MH. No need for a backflow preventer at 5550 Mission Drive as the basement elevation is 871.96'.

Estimated cost = \$33,000 using unit costs from Blue Nile's MH raising contract for MH adjustment at 063, 1-4' raise for 5 MHs, \$5000 for restoration, plus 30% contingency

MHs 022, 144, 144sa, and 170 will be adjusted to no higher than 6.9 feet below the lowest drain elevation of any home between MHs 063 and 170, which is located at 5600 Mission Drive (867.90')

MHs 022, 144, 144sa, and 170 will be adjusted such that they can be lowered at some point in the future if sufficient I/I can be removed from the system to reduce surcharging at these locations.

